

# Work Order ID 51192

August 6, 2009 2:21:18 PM



Page 1

Item ID: D2258-176

Accept



Setup Start



Revision ID:

Stop



Item Name: Placard

Start Date: 8/07/09

Start Qty: 15.00



Cust Item ID:

Required Date: 8/11/09

Req'd Qty: 15.00



Customer:

Reference:

Run Start



Approvals:

Process Plan:

Date:

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Draw  
Number

Draw  
Rev.

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

Draw Nbr

Revision Nbr

D2258

D

100

0.00



Purchasing

Memo

0.00

Purchasing

Issue P/O: 10124

E-mail or Ship electronic file and or dwg to vendor

Manufacture as per Dwg and supplied files

Possible supplier: Studio Letrage

Material release note is required.

CL 09/08/07 15

110

Receive & Inspect for Damage & Mat'l Certs

0.00



Packaging

Memo

0.00

Packaging

9/8/12 (16) SP

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

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August 6, 2009 2:21:17 PM

Work Order ID: 51192



Parent Item: D2258-176



Parent Item Name: Placard

Start Date: 8/07/09

Required Date: 8/11/09

Comments:

Start Qty: 15.00

Required Qty: 15.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
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D2258-170PRevC

Purchased

No

Each

0.0000

15.0000



Placard - 170 lb

mf 09-08-14

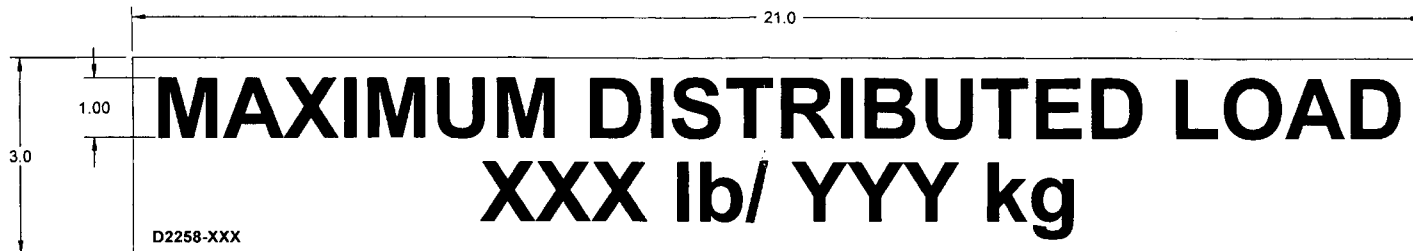
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



**D2258-XXX PLACARD**  
(XXX = ALLOWABLE WEIGHT IN POUNDS)

PART NUMBER	LOAD
D2258-132	132 lb/ 60 kg
D2258-160	160 lb/ 73 kg
D2258-170	170 lb/ 77 kg
D2258-176	176 lb/ 80 kg
D2258-200	200 lb/ 91 kg
D2258-220	220 lb/ 100 kg
D2258-300	300 lb/ 136 kg

**RELEASED**  
09/07/06

**NOTES:**

- 1) MATERIAL: RED LETTERS, 1 HIGH, ADHESIVE BACK  
MANUFACTURED FROM 3M, 7 MIL MASKING FILM #8522CP OR  
AVERY IPM #2031
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: N/A
- 8) PART NUMBER = D2258-MAX DISTRIBUTED WEIGHT IN POUNDS (lbs) OF THE BASKET.  
EXAMPLE: D2258-132 IS A BASKET WITH MAX DISTRIBUTED WEIGHT OF 132 POUNDS (lbs).

D	ADD P/N D2258-176	AS	09.06.03
C	REDRAWN. SEE PAR 08-026	AJS	08.10.29
B	ADDED NOTE	BW	95.11.29
A	NEW ISSUE	BW	94.02.28
REV.	DESCRIPTION	BY	DATE
DESIGN	BW	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	AS		
CHECKED	AS	DRAWING NO.	REV. D
MFG. APPR.	AS	D2258	SHEET 1 OF 1
APPROVED	AS	TITLE	SCALE
DE APPR.	AS	UTILITY BASKET PLACARD	NTS
DATE	09.06.03	COPYRIGHT © 1994 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



210 MAIN W.,  
HAWKESBURY, ONT. K6A 2H6  
Tel.: 613 632-2001  
Fax: 613 632-9491  
www.studiolettrage.com

# INVOICE / FACTURE

No.: 12552  
DATE: 08/12/2009  
PAGE 1 of 1  
Re: Quote No. 7408

VENDU À:  
SOLD TO:

LIVRÉ À:  
SHIPPED TO:

Dart Aerospace Ltd  
1270 Aberdeen  
Hawkesbury, Ontario K6A 1K7

Dart Aerospace Ltd  
Hawkesbury, Ontario

ITEM ARTICLE	QTY QYE	UNIT UNITÉ	DESCRIPTION	GST TPS	PST TVP	UNIT PRICE PRIX UNITÉ	AMOUNT MONTANT
	15 1		D2258-176P set up  E - GST @ 5% G - GST @ 5%; PST @ 8% GST  PST Exempt: #6122-5207  <i>7/8/11</i> <i>SP</i>  <i>501/08/12</i>	G E		3.3333 50.0000	50.00 50.00  5.00
Studio de Lettrage GST: #869034678RP001  PO 10184						<b>TOTAL</b>	105.00

Sold By:





## PRODUCT DATA BULLETIN

Product Data Bulletin: A5-O

**Avery Graphics™ A5 Opaque**  
5-year **INTERMEDIATE** calendered vinyl film  
Dated: 10/3/02

### Description:

Avery Graphics™ A5 Opaque intermediate films are flexible, high-gloss calendered vinyls designed for use on computer sign cutting equipment. This construction provides excellent cutting, weeding and transferring characteristics for signage applications.

Application information can be found in the Avery Graphics Application Guide.

For surface preparation, converting and printing, and application and removal instructions, please refer to the Avery Graphics Instructional Bulletin.

### Construction:

- Face Film: 3.2 mils opaque medium gloss intermediate calendered vinyl film
- Adhesive: 1.0 mil clear acrylic permanent solvent pressure-sensitive adhesive
- Liner: 78# bleached white kraft

### Physical Properties:

The following information on physical and chemical characteristics is based upon tests believed to be reliable. The values are intended only as a source of information. They are given without guarantee and do not constitute a warranty. The purchaser should independently determine, prior to use, the suitability of this material for his/her specific purpose. (Data represents averages and is not intended for use as a specification).

- Outdoor durability: 5 years when properly processed and applied (vertical exposure, unprinted film)\*\*
- Application surface contours: Flat and simple curves
- Minimum surface and air application temperature: +50° F (10° C)
- Service Temperature Range: -40° F to +180° F (-40° C to 82° C) (Reasonable range of temperatures which would be expected under normal environmental time and temperature conditions)
- Typical Chemical Resistance: Resistant to most mild acids, alkalis and salt solutions. See instructional bulletin for recommendations on cleaning.
- Shelf Life: One year when stored at the following temperatures and humidity conditions: 68°-77° F (20° - 25° C) and 50±5% R. H.
- Typical Adhesion Values: **180° Peels**

Substrate	24 hrs	1 week
Stainless Steel	4.4 lbs/in	5.1 lbs/in
Glass	4.7 lbs/in	5.3 lbs/in

NOTE: Tested per ASTM D 1000. Always pre-test your specific substrate prior to actual application.

- Reflectivity: NA
- Typical Gloss\*: 70 at 60°

Avery Graphics™ A5 Opaque page 1 of 2  
AnswerLine: 800-443-9380  
Signage.averygraphics.com

- Tensile at Yield: 9.0 lbs/in to 15.0 lbs/in width
- Elongation: 100% minimum
- Dimensional Stability: Less than 0.03 in. (0.762mm). Shrinkage is determined by measuring shrinkage of unprinted film applied to 36 in.<sup>2</sup> (91 cm<sup>2</sup>) aluminum test panel after 72 hrs. aging at 73° F (23° C) 50±5% R.H. followed by 48 hrs. at 150° F (65° C).

**Typical Converting Methods:**

**CUTTING**

Computer Sign Cutting: yes  
Angle of Blade: 30° or 45°  
Minimum letter Height: 0.5 inch

**PRINTING**

Thermal Transfer Printing: yes  
Ink Jet Printing: no  
E-Stat printing: no  
Screen Printing: no

**Exceptions:**

Durability Exceptions: Colors with reduced durabilities are as follows: A5077-O Silver and A5247-O Gold are 3-year durable and A5003-O Clear is 4-year durable.

Gloss Exceptions: A5077-O Silver, A5247-O Gold and A5508-O Vibrant Blue have a typical gloss of 50 at 60°.

Pigmented Adhesive Exceptions: none

\*\* Some color fade may occur in severe environmental areas such as, Florida, Arizona, Nevada, New Mexico, Utah, Southwest Texas and Southern California. Durability statement does not apply outside of the contiguous 48 states as testing has not been done in those regions.

WARRANTY: All statements, technical information and recommendations about Avery Dennison products are based upon tests believed to be reliable but do not constitute a guarantee or warranty. All Avery Dennison products are sold with the understanding that Purchaser has independently determined the suitability of such products for its purposes. Avery Dennison products are warranted to be free from defects in material and workmanship for either one year (or the period stated on the specific product information literature in effect at time of delivery, if longer) from date of shipment if said product is properly stored and applied. It is expressly agreed and understood that Avery Dennison's sole obligation and Purchaser's exclusive remedy under this warranty, under any other warranty, express or implied, or otherwise, shall be limited to repair or replacement of defective product without charge at Avery Dennison's plant or at the location of product (at Avery Dennison's election), or in the event replacement or repairs is not commercially practical, to Avery Dennison's issuing Purchaser a credit reasonable in light of the defect in the product.

Avery Dennison's liability for defective products shall not exceed the purchase price paid therefore by Purchaser and in no event shall Avery Dennison be responsible for any incidental or consequential damages whether foreseeable or not, caused by defects in such product, whether such damage occurs or is discovered before or after replacement or credit, and whether or not such damage is caused by Avery Dennison's negligence.

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